

## INTERNATIONAL SEARCH REPORT

International Application No  
T/US2004/013861A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04N5/445

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L H04N G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 817 203 A (TSURUMOTO ET AL) 28 March 1989 (1989-03-28) the whole document	1-24
A	EP 1 113 442 A (LG ELECTRONICS INC) 4 July 2001 (2001-07-04) the whole document	1-24
A	US 5 598 523 A (FUJITA ET AL) 28 January 1997 (1997-01-28) column 3, line 20 - line 39 column 5, line 9 - line 67	1-24

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

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Date of the actual completion of the international search

18 August 2005

Date of mailing of the international search report

29/08/2005

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/013861

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4817203	A	28-03-1989	JP 2067157 C	10-07-1996
			JP 7105895 B	13-11-1995
			JP 62284583 A	10-12-1987
			CA 1256945 A1	04-07-1989
			GB 2191643 A , B	16-12-1987
			HK 69794 A	29-07-1994
			KR 9604507 B1	06-04-1996
<hr/>				
EP 1113442	A	04-07-2001	KR 2001060616 A	07-07-2001
			CN 1304252 A	18-07-2001
			EP 1113442 A2	04-07-2001
			JP 2001238278 A	31-08-2001
			JP 2004007639 A	08-01-2004
			US 2001020958 A1	13-09-2001
<hr/>				
US 5598523	A	28-01-1997	NONE	
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